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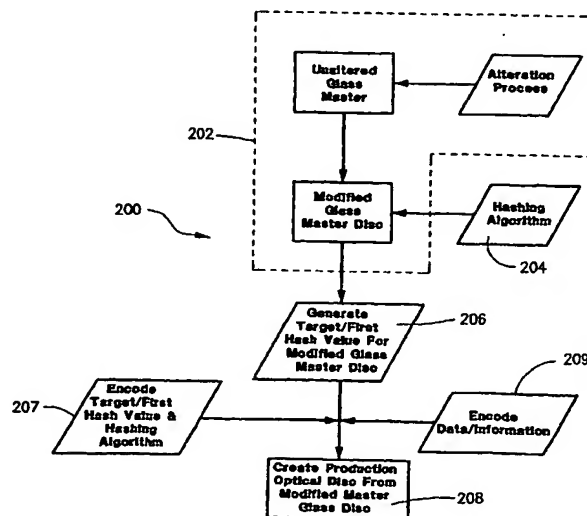
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(54) Title: COPY PROTECTED OPTICAL MEDIA STORAGE DEVICE, ALONG WITH METHODOLOGIES FOR MANUFACTURING AND AUTHENTICATING THE SAME



(57) Abstract: An optical media storage device comprises a substrate, a metallic reflective layer and a protective layer. The substrate includes an anomaly region configured to generate one or more errors when read by an optical reader, a fingerprint region corresponding to a target hash value obtained when the anomaly region is applied as an input to a hashing algorithm, and a program region corresponding to an executable application program incorporating the hashing algorithm. When the device is read by the optical reader, the hashing algorithm is executed against the anomaly region to generate a test hash value for comparison with the target hash value. Methods for manufacturing a copy protected optical media and for assessing authenticity of the same are also provided.

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